

In the claims:

1-12. (withdrawn)

13. (amended) An antibody or fragment thereof specifically binding the polypeptide of
Claims 9, 10, 11 or 12 which binds to a polypeptide encoded by a nucleic acid molecule comprising a
nucleotide sequence selected from one or more of:

- a) the nucleotide sequence as set forth in Figure 2A (SEQ ID NO: 11) or Figure 3A (SEQ ID NO: 6) or Figure 12A (SEQ ID NO: 16);
- b) the nucleotide sequence encoding the polypeptide as set forth in Figure 2A (SEQ ID NO: 6) from residues 1-322 or from residues 47-322, or as set forth in Figure 3A (SEQ ID NO: 11) from residues 1-288 or from residues 19-288, 20-288, 21-288, 22-288, 24-288, or 28-288 or as set forth in Figure 12A from residues 1-302, or from residues 19-302, 20-302, 21-302, 22-302, 24-302 or 28-302;
- c) a nucleotide sequence encoding a polypeptide that is at least about 70 percent identical to the polypeptide as set forth in Figure 2A (SEQ ID NO: 6) or Figure 3A (SEQ ID NO: 11) or Figure 12A (SEQ ID NO: 6);
- d) a naturally occurring allelic variant or alternate splice variant of any of (a), (b) or (c);
- e) a nucleotide sequence of (b),(c) or (d) encoding a polypeptide fragment of at least about 25, 50, 75, 100, or greater than 100 amino acid residues;
- f) a nucleotide sequence of (a),(b) or (c) comprising a fragment of at least about 10, 15, 20, 25, 50, 75, 100, or greater than 100 nucleotides; and
- g) a nucleotide sequence which hybridizes under stringent conditions to the complementary nucleotide sequence of any of (a)-(f).

14. (amended) The antibody of Claim 11 13 which is a monoclonal antibody.

15. (previously presented) The antibody of Claim 13 which is a human antibody.

16. (previously presented) The antibody of Claim 13 which is a humanized or CDR-grafted antibody.

17. (previously presented) The antibody or fragment of Claim 13 which binds B7RP1 or to a B7RP1 extracellular domain.

18. (previously presented) The antibody or fragment of Claim 13 which inhibits the binding of B7RP1 to CRP1.

19-31. (withdrawn)

32. (new) An antibody or fragment thereof which binds to a polypeptide comprising the amino acid sequence selected from one or more of:

- a) the amino acid sequence as set forth in Figure 2A (SEQ ID NO: 7) or Figure 3A (SEQ ID NO: 12) or Figure 12A (SEQ ID NO: 17);
- b) the mature amino acid sequence as set forth in Figure 2A (SEQ ID NO: 7) comprising a mature amino terminus at residues 47, or Figure 3A (SEQ ID NO: 12) comprising a mature amino terminus at any of residues 19, 20, 21, 22, 24 or 28, or Figure 12A (SEQ ID NO: 17) comprising a mature amino terminus at any of residues 19,20,21,22,24,or 28;
- c) a fragment of the amino acid sequence set forth in Figure 2A (SEQ ID NO: 7) or Figure 3A (SEQ ID NO: 12) or Figure 12A (SEQ ID NO: 17) comprising at least about 25, 50, 75, 100, or greater than 100 amino acid residues;
- d) an ortholog of (a), (b) or (c); and
- e) an allelic variant or alternative splice variant of (a), (b), (c) or (d).